

## FY 2013 CRC Calculation (May 2012)

FY 2013			
<b>Step 1</b>	<b>BFBB</b>	Basin Fund Beginning Balance (\$)	\$162,139,000
	<b>BFTB</b>	Basin Fund Target Balance	\$26,424,000
	<b>PAR</b>	Projected Annual Revenue (\$) w/o CRC	\$201,140,000
	<b>PAE</b>	Projected Annual Expense (\$)	\$176,160,000
	<b>NR</b>	Net Revenue (\$)	\$24,980,000
	<b>NB</b>	Net Balance (\$)	\$187,119,000
<b>Step 2</b>	<b>EA</b>	SHP Energy Allocation (GWh)	4,951.79
	<b>HE</b>	Forecasted Hydro Energy (GWh)	4,380.00
	<b>FE</b>	Forecasted Energy Purchase (GWh)	822
	<b>Price</b>	Average price per MWh for purchased power	\$26.39
	<b>FX</b>	Forecasted Energy Purchase Expense (\$)	\$21,688,466
<b>Step 3</b>	<b>FA1</b>	Basin Fund Balance Factor (\$)	\$21,688,466
	<b>FA2</b>	Revenue Factor (\$)	\$21,688,466
	<b>FA</b>	Funds Available (\$) (Lesser of FA1 or FA2)	\$21,688,466
	<b>FARR</b>	Additional Revenue to be Recovered (FX-FA)	\$0
<b>Step 4</b>	<b>WL</b>	Waiver Level (GWH)	5,202
	<b>WLP</b>	Waiver level percentage of full SHP	105%
	<b>CRCE</b>	CRC Energy GWh (EA-WL)	0
	<b>CRCEP</b>	CRC level percentage of full SHP	0%
	<b>CRC</b>	Cost Recovery Charge (mills/kWh)	-
<b>Note:</b>		Cash flow projections 5/12 May 2012, 24-month study	

Projected beginning balance for FY2012 per financial cash flow analysis
Basin Fund Target Balance = 15% *PAE
Per financial cash flow analysis
Per financial cash flow analysis
=PAR-PAE
=BFBB + NR
FY '12 SHP energy allocation excluding project use
Projected generation from the most current 24-month study, does not include project use
Forecasted Energy Purchase (GWh) from the most current 24-month study
Average price = 60% onpeak + 40% offpeak
Estimated purchased power costs based upon most current 24-month study
If NB is greater than BFTB then use FA1=FX, if NB is less than BFTB then use FX-(BFTB-NB)
Formula is: -IF(NB>BFTB,FX,FX-(BFTB-NB))
If NR is greater than -25% of BFBB then FX, if NR is less than -25% of BFBB then, FX+(NR+(25%*BFBB))
Formula is: =IF(NR>-(0.25*BFBB),FX,FX+(NR+(0.25*BFBB)))
Formula is: =IF(NR>-(0.25*BFBB),FX,FX+(NR+(0.25*BFBB)))
=FX-FA
<b>Equals the lesser of SHP or HE + (FE * (FA / FX))</b>
Percent of waiver level to full SHP
= EA-WL (Does not include losses projected at 7.81%)
Percent of CRCE to full SHP or CRCE/EA
=FARR / (EA * 1000)